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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/507,427	02/19/2000	John Marks	10991105-1	1388

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EXAMINER
HO, THE T

ART UNIT 2126 PAPER NUMBER

DATE MAILED: 02/25/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/507,427	MARKS ET AL.
Examiner	Art Unit	
The Thanh Ho	2126	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 10 December 2003.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-17 and 19-21 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-17 and 19-21 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____.
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

In view of the appeal brief filed on 12/10/2003, PROSECUTION IS HEREBY REOPENED. Responsive to Applicant's arguments, new grounds of rejection are set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

1. Claims 1-17 and 19-21 have been examined and are pending in the application.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-7, 11-14 and 17-21 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

A. Claim 1:

- (i) There is no antecedent basis in claim 1 for “locally generated events” (lines 9 and 11).
- (ii) It is unclear from the claim language if “locally generated events” from line 11 is the same as “locally generated events” from line 9.
- (iii) It is unclear from the claim language if “echo event receive time” and “echo event transmit time” (line 12) are for the “local application sharing logic” or the “remote application”.

B. Claim 11:

- (i) It is unclear from the claim language if “echo event receive time” and “echo event transmit time” (line 2) are for which component.

C. Claim 17:

- (i) It is unclear from the claim language if “echo event receive time” and “echo event transmit time” (lines 4-5) are for which component.

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 8-13 are rejected under 35 U.S.C. 101 because they are directed to non-statutory subject matter.

Claims 8-13 are directed to method steps which can be practiced mentally in conjunction with pen and paper, therefore they are directed to non-statutory subject matter. Specifically, as claimed, it is uncertain what performs each of the claimed method steps. Moreover, each of the claimed steps, *inter alia*, transmitting, providing, generate, transmit, can be practiced mentally in conjunction with pen and paper. The claimed steps do not define a machine or computer implemented process (see MPEP 2106). Therefore, the claimed invention is directed to non-statutory subject matter. The examiner suggests the applicant to change "method" to "computer implemented method" in the preamble to overcome the outstanding 35 U.S.C 101 rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-4, 8-11 and 15-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goldszmidt U.S Patent No 6,195,680 in view of Carmel U.S Patent No. 6,389,473.

As to claim 1, Goldszmidt teaches the invention substantially as claimed including a system comprising a local application sharing logic (network interface of server 320, Fig. 3d) coupled to a local application (321, Fig. 3d), said local application sharing logic (network interface of server 320, Fig. 3d) configured to receive events to be shared (multimedia streaming files, lines 51-52 column 12) from said local application (321, Fig. 3d) with at least one corresponding remote application (354, Fig. 3d); transmit locally generated events (video and audio clips are streamed from standard HTTP Web server 321, lines 14-15 column 13) to said remote application (354, Fig. 3d). Goldszmidt does not explicitly teach echo events.

Carmel teaches a system of transferring data (data stream, line 22 column 7) between a server and its client (Fig. 2) wherein echo events are generated and pace the transmission of the data in accordance with an echo event receive time and a respective echo event transmit time (the server 40 monitors the time codes or time intervals T1, T2, T3, and timing the transfer of the files; by doing so, the server 40 has the control of adjusting the data transmission rate based on the flow of data being received by the client; lines 36-49 column 7, lines 31-48 column 9, lines 6-11 column 10). It would have been obvious to apply the teachings of Carmel to the system of Goldszmidt because this allows the server to control the flow of data to the client after determined the data-receiving rate from the client.

As to claim 2, Carmel further teaches transmitting echo events at predetermined intervals (time intervals T1, T2, T3 are adjusted by computer 34 in response to the transmission rate, lines 41-45 column 7).

As to claim 3, Goldszmidt as modified further teaches receiving echo events (video and audio clips are streamed from standard HTTP Web server 321 to client 350, lines 14-15 column 13, fig. 3d); and transmitting said echo events (client 350 begins decoding and rendering the file transferred from the server, lines 27-32 column 13) to said remote application (354, Fig. 3d).

As to claim 4, Carmel further teaches calculating a difference of the echo event receive time and the respective echo event transmit time (by monitoring the time intervals T1, T2, T3, the computer 34 figures out the transmission rate or the difference between the transmit and receive time of the data, lines 36-49 column 7).

As to claim 8, it is a method claim of claim 1. Therefore, it is rejected for the same reason as claim 1 above.

As to claim 9, Carmel further teaches receiving said echo events and pace the transmission of said events to be shared in accordance with an echo delay (the server 40 monitors the time codes or time intervals T1, T2, T3, and timing the transfer of the files; by doing so, the server 40 has the control of adjusting the data transmission rate based on the flow of data being received by the client; lines 36-49 column 7, lines 31-48 column 9, lines 6-11 column 10).

As to claim 10, it is a method claim of claim 2. Therefore, it is rejected for the same reason as claim 2 above.

As to claim 11, it is a method claim of claim 1. Therefore, it is rejected for the same reason as claim 1 above.

As to claims 15-17, they are system claims of claims 1-2 and 4, respectively. Therefore, they are rejected for the same reasons as claims 1-2 and 4 above.

5. Claims 5-7, 12-14 and 19-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goldszmidt in view of Carmel, and further in view of Black U.S Patent No. 4,942,540.

As to claim 5, Goldszmidt as modified does not explicitly teach generate a message. Black teaches generate a message for an application (generate a message as the external modem speed and display this in the Define/Review Environment interface). It would have been obvious to apply the teachings of Black to the system of Goldszmidt because this allows the system to present the user the actual speed of the in-use modem.

As to claim 6, Black further teaches the message is a pacing meter (external modem displayed in Fig. 2 shows different speeds).

As to claim 7, Black does not explicitly teach the meter utilities color to indicate the difference. "Official Notice" is taken that both the concept and advantage of providing for a meter with different color LEDs is well known and expected in the art. One example of such teaching is external modem wherein a row of LEDs with different color is used to indicate the data download speed of that modem. It would have been

obvious to include color into the meter of Black because it would present the actual speed of the modem to the user.

As to claims 12-13, they are method claims of claim 5. Therefore, they are rejected for the same reason as claim 5 above.

As to claim 14, it is a method claim of claim 6. Therefore, it is rejected for the same reason as claim 6 above.

As to claims 19-21, they are system claims of claims 5-7, respectively. Therefore, they are rejected for the same reasons as claims 5-7 above.

Response to Arguments

6. Applicant's arguments filed have been fully considered but are moot in view of the new ground(s) rejection.

Applicant's arguments presented issues which required the Examiner to further view the previous rejection. The Examiner conducted a further search regarding the issues mentioned in Applicant's response. Therefore, all arguments regarding the cited references of the previous rejection are moot in view of the new grounds of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to The Thanh Ho whose telephone number is 703-306-5540. A voice mail service is also available for this number. The examiner can normally be reached on Monday – Friday, 8:30 am – 5:00 pm.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Any response to this action should be mailed to:

Commissioner for Patents

P.O Box 1450

Alexandria, VA 22313-1450

Or fax to:

- AFTER-FINAL faxes must be signed and sent to (703) 746 – 7238
- OFFICIAL faxes must be signed and sent to (703) 746 – 7239
- NON OFFICIAL faxes should not be signed, please send to (703) 746 – 7240

TTH
February 20, 2004



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